

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011622 A1

(51) International Patent Classification⁷: **A61K 7/02**, (7/42, 7/48)

(21) International Application Number: **PCT/JP2004/011626**

(22) International Filing Date: 5 August 2004 (05.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2003-286827 5 August 2003 (05.08.2003) JP

(71) Applicant (for all designated States except US): L'OREAL [FR/FR]; 14, rue Royale, Paris, F-75008 (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DUMOUSSEAUX, Christophe [FR/JP]; c/o NIHON L'OREAL K.K., KSP R & D-B1113, 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa, 2130012 (JP). GOTO, Tatsunari [JP/JP]; c/o NIHON L'OREAL K.K., KSP R & D-B1113, 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa, 2130012 (JP).

(74) Agents: SONODA, Yoshitaka et al.; 43rd Floor, Shinjuku Sumitomo Bldg., 6-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, 1630243 (JP).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/011622 A1

(54) Title: COSMETIC COMPOSITION COMPRISING POROUS PARTICLES INCORPORATING OPTICALLY ACTIVE SUBSTANCES

(57) Abstract: An object of the invention is to offer an optical additive capable of adequately activating the effects of incorporated optically active substances, providing the base with such optical effects, having a suitable sensation and level of safety, and having exceptional cosmetic properties. A cosmetic composition comprising in a physiologically acceptable medium (a) silicium based porous particles having an aspect ratio of at least 2 and (b) an optically active substance incorporated into said porous particles is offered. The incorporated optically active substances are selected from among UV screening substances, fluorescent substances and photochromic substances.